

GDAAC Notes for MODIS Technical Team Meeting (6/4/98)

WEEKLY HIGHLIGHTS:

- PGE01-02-03 chain test completed
 - Runtime = 4.5 hrs; 15 min data in, 5 min data out
- PGE01-02 chain test complete
 - Runtime = 4 hours; 15 min data in, 5 min data out
 - Runtime = 5 hours; 105 min data in, 95 min data out
- Promotion of Drop 4 to Operations Mode (Ops) in progress
- PGE04, PGE07, PGE08 integrated and successful run in ECS PDPS
- Missing ESDTs for PGE11 delivered from ECS, integration in progress

WEEKLY PLAN:

- Prep PGE04 for chain testing; complete PGE01-02-03-04 chain test.
- For PGE04, and PGE05 GDAAC developed nominal production rules for integration; actual production rules information in PVL are still needed from SDST
- Recommence testing PGE09
- With SDST, resolve version issue and DAP contents with PGEs 17,19

WORK IN PROGRESS AND FUTURE:

- Test data needed to establish benchmarks for L1, L2 processing; at a minimum 6 hours are needed (24 hours is preferable)
- Ocean Data Day workaround (ECS Production Rules available early 1999)
 - + June 8 meeting to address feasibility
- L1B Data volume increase (ESDIS impact assessment needed)
- SSIT Agreement updates (CCRs)
- MODIS-DAAC Science Agreement distributed to SDST and STMs for comment

ECS-SYSTEM

STATUS: YELLOW

Problem: System installation, checkout and test procedures are maturing; documentation is being brought up to date. (Yellow).

- Drop 4.x in Test mode (TS2) and in SSIT mode (TS1).
- Promotion of Drop 4.x to Operations in progress

SSIT

SSIT STATUS: YELLOW

Problem: System stability is being addressed with GDAAC M&O and ECS/Landover. (Yellow).

MAPI / SDST TK

SSIT STATUS: GREEN

- Lien established for Error List, work-off by 7/31/98.

OCEAN_LIB

SSIT STATUS: YELLOW

Problem: DAAC cannot promote PGE to operations without error list documentation, lien pending; resolution schedule pending SDST communication with algorithm developers.(Yellow)

- Delivered 4/15/98; Inspection complete; Build complete.

GSFC DAAC Launch Readiness

PGE Name	Delivered	Integrated	Chained	Duty Cycle	Ops Readiness	§	Launch Readiness*	Notes
PGE01 (2.1)	4/15/98	5/8/98	5/20/98	100%		G	expected	Lien, SDST to provide error list by 7/31/98
PGE02 (2.0)	1/29/98	3/18/98	5/20/98	100%		G	expected	Lien, SDST to provide error list by 7/31/98
PGE02 (2.1)								
PGE03	2/18/98	4/27/98	5/26/98	100%		G	expected	Lien, SDST to provide error list by 7/31/98
PGE04	3/20/98	5/28/98	7/31/98			Y	expected	SDST to provide prod. rules PVL; SDST to provide error list by 8/31/98
PGE05	3/16/98	on hold	7/31/98			R	expected	SDST to provide prod. rules PVL for integration; SDST to provide error list by 8/31/98
PGE11 (2.2)	1/7/98	in progress	8/7/98			G	expected	
PGE17	4/17/98	in progress	8/7/98			Y	expected	Lien pending, SDST to provide error list for launch readiness
PGE19	4/17/98	in progress	8/7/98			Y	expected	Lien pending, SDST to provide error list for launch readiness
PGE09	5/7/98	in progress	8/14/98			Y	expected	Lien pending, SDST to provide error list for launch readiness
PGE12 (V2.1)	6/12/98						contingent	ECS to provide Land Tiling; Lien, SDST to provide error list by 9/30/98
PGE13 (V2.1)	6/12/98						contingent	ECS to provide Land Tiling; Lien, SDST to provide error list by 9/30/98
PGE14 (V2.1)	6/12/98						contingent	ECS to provide Land Tiling; Lien, SDST to provide error list by 10/31/98
PGE06	6/18/98	7/14/98	8/14/98				expected	ECS to provide compiler upgrade; version 1.0 was successfully integrated
PGE07 (V2.1)	5/11/98	6/15/98					expected	Lien, SDST to provide error list by 8/31/98; V2.0 successfully integrated
PGE20								
PGE10	5/22/98	in progress						
PGE49								
PGE50								
PGE53								
PGE54								
PGE69								
PGE56								
PGE16								
PGE15 (V2.1)	6/12/98						contingent	ECS to provide Land Tiling; Lien, SDST to provide error list by 10/31/98
PGE08 (V2.1)	5/15/98						expected	Lien, SDST to provide error list by 8/31/98; V2.0 successfully integrated
*12/98 Launch		contingent	available if known high risk problems are addressed					
		expected	no known high risk obstacles for launch readiness					
		demonstrated	demonstrated through Ops Readiness Exercises (OREs)					
§ PGE Status Codes:								
Complete	PGE is ready to process data at launch in validation mode or ops mode							
Green	No problems or Category 1 fixes only; no high-risk liens on PGE							
Yellow	Problems in test; Category 2 or 3 fix pending; lien pending or expired							
Red	SSIT has stopped; PGE will not run in its current form; fix required before testing can continue							